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SEQUENCE LISTING

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Vener, Tatiana

<120> Nucleic Acid Accessible Hybridization Sites

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<141> 2001-06-15

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<170> PatentIn version 3.0

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cccgtgtcg gggttgaccc acaagcgccg actgtcggcg ctggggcccg 110

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<400> 95

agggccccag cgccgaca 18

<210> 96 <211> 110 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 96

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cccgtgtcg gggttgaccc acaagcgccg actgtcggcg ctggggccct 110

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<400> 97
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<210> 98 <211> 106 <212> DNA <213> Artificial <220> <223> Synthetic

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<210> 100 <211> 106 <212> DNA <213> Artificial <220> <223> Synthetic

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<400> 101
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<210> 102 <211> 87 <212> DNA <213> Artificial <220> <223> Synthetic

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 cccgctgtcg gggttgaccc acaagcg 87

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<400> 104
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 cccgctgtcg gggttgaccc acaagct 87

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<210> 106 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

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<400> 107
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<210> 109 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (9)..(10) <223> The residues at these
 positions are spacers with abasic sugar lab
 els.

<400> 109
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<210> 110 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 110
 tcacgtgagc gtccatga 18

<210> 111 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 111
 cagaccgcgc acagcggg 18

<210> 112 <211> 17 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 112
 gctcacgata ccccgac 17

<210> 113 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 113
 tgctcacgat accccgac 18

<210> 114 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 114									
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acagtcgggc ggttggtc									18
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gtgtcgtttg gaaccg									16
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tgggcgttgc ttgtgg									16
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tccttgatcg cgg									13

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<210> 125 <211> 16 <212> DNA <213> Artificial <220> <223> Synthetic
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 catttttccaa ccttaa 16

<210> 126 <211> 14 <212> DNA <213> Artificial <220> <223> Synthetic
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 taaggttagga ctac 14

<210> 127 <211> 16 <212> DNA <213> Artificial <220> <223> Synthetic
 <220> <221> misc_feature <222> (15)..(16) <223> The residue at this
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<210> 128 <211> 18 <212> DNA <213> Artificial <220> <223> Synthetic
 <220> <221> misc_feature <222> (15)..(18) <223> The residue at this
 position can be any nucleotide.
 <400> 128
 taaggttagga ctacnnnn 18

<210> 129 <211> 20 <212> DNA <213> Artificial <220> <223> Synthetic
 <220> <221> misc_feature <222> (15)..(20) <223> The residue at this
 position can be any nucleotide.
 <400> 129
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<210> 130 <211> 22 <212> DNA <213> Artificial <220> <223> Synthetic
 <220> <221> misc_feature <222> (15)..(22) <223> The residue at this
 position can be any nucleotide.
 <400> 130
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<210> 131 <211> 24 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(24) <223> The residue at this position can be any nucleotide.

<400> 131
taaggttagga ctacnnnnnn nnnn 24

<210> 132 <211> 26 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(26) <223> The residue at this position can be any nucleotide.

<400> 132
taaggttagga ctacnnnnnn nnnnnn 26

<210> 133 <211> 30 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(30) <223> The residue at this position can be any nucleotide.

<400> 133
taaggttagga ctacnnnnnn nnnnnnnnnn 30

<210> 134 <211> 14 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 134
ttttccaacc ttaa 14

<210> 135 <211> 22 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(22) <223> The residue at this position can be any nucleotide.

<400> 135
ttttccaacc ttaannnnnn nn 22

<210> 136 <211> 26 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(26) <223> The residue at this position can be any nucleotide.

<400> 136
ttttccaacc ttaannnnnn nnnnnn 26

<210> 137 <211> 14 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (1)..(14) <223> The residues in these positions are 2'-O-methyl nucleotides.

<400> 137
gtagtcctac ctta 14

<210> 138 <211> 14 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (1)..(14) <223> The residues in these positions are 2'-O-methyl nucleotides.

<400> 138
ttaaggttg aaaa 14

<210> 139 <211> 24 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (15)..(24) <223> The residue at this position can be any nucleotide.

<400> 139
ttttccaacc ttaannnnnn nnnn 24

<210> 140 <211> 21 <212> DNA <213> Artificial <220> <223> Synthetic

<220> <221> misc_feature <222> (1)..(1) <223> The residue at this 5' end has a tetrachlorofluorescein label.

<400> 140
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<210> 141 <211> 987 <212> RNA <213> Artificial <220> <223> Synthetic

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ggaccugauc agcuugauac aagaacuacu gauuucacu ucuuuggcuu aaucucucug 120
gaaacgauga aaauacaag uuauaucuug gcuuuucagc ucugcaucgu uuuggguucu 180
cuuggcuguu acugccagga ccuauaugua caagaagcag aaaaccuuua gaaauuuuu 240
aaugcagguc auucagaugu agcggauaau ggaacucuuu ucuuaggcau uuugaagaau 300
uggaaagagg agagugacag aaaaauaauug cagagccaaa uugucuccuu uuacuucaaa 360
cuuuuuuuuu acuuuuuaga ugaccagagc auccaaaaga guguggagac caucaaggaa 420
gacaugaauug ucaaguuuuu caauagcaac aaaaagaaac gagaugacuu cgaaaagcug 480
acuaauuuuu cgguaacuga cuugaauguc caacgcaaag cauacauga acucauccaa 540
gugauggcug aacugucgcc agcagcuaaa acagggaagc gaaaaaggag ucagaugcug 600
uuucgagguc gaagagcauc ccaguaaugg uuguccugcc uacaauuuu gaauuuuuu 660
ucuaaaucua uuuaauuaa uuuaacauua uuuaauuggg gaauauuuu uuagacucau 720
caucaaaua aguauuuuaa auagcaacuu uuguguaaug aaaaugaaua ucuauuaaua 780

uauguauuau uuauaaauucc uauauuccugu gacugucuca cuuaauccuu uguuuucuga 840
 cuaauuagggc aaggcuauugu gauuacaagg cuuuauucuca ggggccaacu aggcagccaa 900
 ccuaagcaag aucccauggg uuguguguuu auuucacuug augauacaau gaacacuuau 960
 aagugaagug auacuaacca guuacua 987

<210> 142 <211> 47 <212> RNA <213> Artificial <220> <223> Synthetic

<400> 142
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<210> 143 <211> 589 <212> RNA <213> Oryctolagus cuniculus

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 aucuguccag ugaggagaag ucugcgguca cugcccugug gggcaaggug aauguggaag 120
 aaguuggugg ugaggcccug ggcaggcugc ugguugucua cccauggacc cagagguucu 180
 ucgaguccuu uggggaccug uccucugcaa augcuguuau gaacaauccu aaggugaagg 240
 cucauggcaa gaaggugcug gcugccuua gugagggucu gaguaccug gacaaccuca 300
 aaggcaccuu ugcuaagcug agugaacugc acugugacaa gcugcacgug gauccugaga 360
 acuucaggcu ccugggcaac gugcugguua uugugcuguc ucaucauuuu ggcaaagaau 420
 ucacuccuca ggugcaggcu gccuaucaaga aggugguggc ugguguggcc aaugcccugg 480
 cucacaaaaua ccacugagau cuuuuucccu cugccaaaaa uuauggggac aucaugaagc 540
 cccuugagca ucugacuucu ggcuaauaaa ggaaauuuau uuucauugc 589

<210> 144 <211> 2891 <212> DNA <213> Homo sapiens

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 ccaggacctg gcaatgccca gacatctgtg tccccctcaa agtcatect gccccgggga 180
 ggctccgtgc tggtagatg cagcacctcc tgtgaccagc ccaagttgtt gggcatagag 240
 accccgttgc ctaaaaagga gttgctcctg cctgggaaca accggaagggt gtatgaactg 300
 agcaatgtgc aagaagatag ccaaccaatg tgctattcaa actgccctga tgggcagtca 360
 acagctaaaa ccttcctcac cgtgtactgg actccagaac ggggtggaact ggcaccctc 420

ccctcttggc agccagtggg caagaacctt accctacgct gccaggtgga gggtaggggca	480
ccccggggcca acctcaccgt ggtgctgctc cgtggggaga aggagctgaa acgggagcca	540
gctgtggggg agcccgtga ggtcacgacc acggtgctgg tgaggagaga tcaccatgga	600
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gtcagcccc gggtcctaga ggtggacacg caggggaccg tggctctgttc cctggacggg	780
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gacgagggca cccagcggct gacgtgtgca gtaatactgg ggaaccagag ccaggagaca	960
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ctgaatgggg ttccagccca gccactgggc ccgagggccc agctcctgct gaaggccacc	1140
ccagaggaca cggggcgag cttctcctgc tctgcaaccc tggaggtggc cggccagctt	1200
atacacaaga accagacccg ggagcttcgt gtcctgtatg gccccgact ggacgagagg	1260
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tacaacagca tttggggcca tggtagctgc acacctaaaa cactaggcca cgcattgat	1860
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ttaaagtcta gcctgatgag aggggaagtg gtgggggaga catagcccca ccatgaggac	1980
atacaactgg gaaatactga aacttgctgc ctattgggta tgctgaggcc cacagactta	2040
cagaagaagt ggccctccat agacatgtgt agcatcaaaa cacaaaggcc cacacttctt	2100
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<210> 147 <211> 20 <212> DNA <213> Artificial <220> <223> Synthetic
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<210> 153 <211> 30 <212> DNA <213> Artificial <220> <223> Synthetic

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<210> 154 <211> 74 <212> DNA <213> Artificial <220> <223> Synthetic

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tttaaaaagt ttga 74

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<210> 156 <211> 16 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 156
cccgggtttt cccggg 16

<210> 157 <211> 20 <212> DNA <213> Artificial <220> <223> Synthetic

<400> 157
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<210> 158 <211> 1621 <212> RNA <213> Human immunodeficiency virus

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gugacucugg	uaacuagaga	ucccucagac	ccuuuuaguc	aguguggaaa	aucucuagca	180
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gacucggcuu	gcugaagcgc	gcacggcaag	aggcgagggg	cggcgacugg	ugaguacgcc	300
aaaaauuuug	acuagcggag	gcuagaagga	gagagauggg	ugcgagagcg	ucaguaauaa	360
gcgggggaga	auuagaucga	ugggaaaaaa	uucgguaaag	gccaggggga	aagaaaaau	420
auaaaauaaa	acauauagua	ugggcaagca	gggagcuaga	acgauucgca	guaaauccug	480
gccuguuaga	aacaucagaa	ggcuguagac	aaauacuggg	acagcuacaa	ccaucuccuuc	540
agacaggau	agaagaacuu	agaucauuu	auaaucagu	agcaaccuc	uauugugugc	600
aucaaaggau	agagauaaaa	gacaccaagg	aagcuuuga	caagauagag	gaagagcaaa	660
acaaaaguaa	gaaaaaagca	cagcaagcag	cagcugacac	aggacacagc	aaucagguca	720
gccaaaauua	cccuauagug	cagaacaucc	aggggcaaau	gguacaucag	gccauaucac	780
cuagaacuuu	aaaugcaugg	guaaaaguag	uagaagagaa	ggcuuucagc	ccagaaguga	840
uacccauguu	uucagcauuu	ucagaaggag	ccaccccaca	agauuuuac	accaugcuua	900
acacaguggg	gggacaucaa	gcagccaugc	aaauguuaaa	agagaccauc	aaugaggaag	960
cugcagaau	ggauagagug	cauccagugc	augcagggcc	uauugcacca	ggccagauga	1020
gagaaccaag	gggaagugac	auagcaggaa	cuacuaguac	ccuucaggaa	caaauaggau	1080
ggaugacaaa	uaauccaccu	aucccaguag	gagaaauua	uaaaagau	auaauccugg	1140
gauuaauua	aauguaaga	auguauagcc	cuaccagcau	ucuggacaua	agacaaggac	1200
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aaguaacaaa	uucagcuacc	auaaugaugc	agagaggcaa	uuuuaggaac	caaagaaaga	1500
uuguuaagug	uuucaauugu	ggcaaagaag	ggcacacagc	cagaaaau	agggccccua	1560
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g						1621

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gaaguaauac cacuaacaga agaagcagag cuagaacugg cagaaaacag agagauucua	180
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aagcaggggc aaggccaug gacauaucaa auuuaucaag agccauuuua aaucugaaa	300
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gcagugcaaa aaauaaccac agaaagcaua guauuauggg gaaagacucc uaaauuuaaa	420
cugcccauac aaaaggaaac augggaaaca ugguggacag aguauuggca agccaccugg	480
auuccugagu gggaguugu uaauaccccu ccuuaguga auuuauuggua ccaguuagag	540
aaagaacca uaguaggagc agaaaccuuc uauguagaug gggcagcuaa caggagacu	600
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gacacaacaa aucagaagac ugaguuaaca gcauuuauuc uagcuuugca ggauucggga	720
uuagaagua acauaguaac agacucacaa uaugcauuag gaaucauua agcacaacca	780
gaucaaagug aaucagagu agucaaucaa auauagagc aguuaauaaa aaaggaaaag	840
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gaacaugaga aaauacacag uaauuggaga gcaauggcua gugauuuuaa ccugccaccu	1020
guaguagcaa aagaaauagu agccagcugu gauaaauguc agcuaaaagg agaagccaug	1080
cauggacaag uagacuguag uccaggaaua uggcaacuag auuguacaca uuugaagga	1140
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guggggcuau gacgaucuu ucgugcauuu ucucaacacg uaccucccag acaugcuucc 480

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